	Hits	Search Text	DB	Time stamp	
1	0	("jp-4234173\$-\$.did.").PN.	USPAT;	2003/07/21	17:22
			US-PGPUB; EPO; JPO;		
			DERWENT;		
			IBM TDB		
2	2	jp-04234173\$-\$.did.	USPĀT;	2003/07/21	17:31
2	۷)	US-PGPUB;		
			EPO; JPO;	}	
			DERWENT;		
			IBM_TDB		
3	2643	((257/135) or (257/328) or (257/339) or	USPAT;	2003/07/21	17:31
		(257/354) or (257/355)).CCLS.	US-PGPUB;		
			EPO; JPO;		
			DERWENT;		
		(057 (000) (057 (000)	IBM_TDB	2003/07/21	17.22
4	213	(((257/135) or (257/328) or (257/339) or	USPAT; US-PGPUB;	2003/07/21	17:32
		(257/354) or (257/355)).CCLS.) and	EPO; JPO;		
		(punch-through or breakdown or punchthrough) and vertical.ti,ab,clm.	DERWENT;		
		punchthrough) and vertical.tl, ab, cim.	IBM TDB		
	3	(vertical adj igfet or v-igfet) and power	USPAT;	2002/09/22	17:05
-	3	adj semiconductor	US-PGPUB;		
			EPO; JPO;		
ŀ			DERWENT;		
			IBM TDB		
_	34	257/\$6.ccls. and power.ti,ab. and	USPAT;	2002/05/28	21:31
		igfet.ti,ab.	US-PGPUB;		
			EPO; JPO;		
			DERWENT;		
			IBM_TDB		
-	1	257/\$6.ccls. and power.ti,ab. and	USPAT;	2002/05/28	21:32
		(vertical adj igfet or v-igfet).ti,ab.	US-PGPUB;		
			EPO; JPO;		
			DERWENT; IBM TDB		
	20	shaha in and ight ti ah	USPAT;	2002/05/28	21.43
-	20	okabe.in. and igbt.ti,ab.	US-PGPUB;	2002/03/20	21.40
			EPO; JPO;		
			DERWENT;		
			IBM TDB		
_	23	vertical adj igfet.ti,ab.	USPAT;	2002/05/29	10:22
			US-PGPUB;		
			EPO; JPO;		
			DERWENT;		
			IBM_TDB		
-	0	(portion near3 barrier adj layer) near12	USPAT;	2002/05/29	11:42
		lattice adj match\$3	US-PGPUB;		
			EPO; JPO;		
			DERWENT;		
			IBM_TDB	1 0000 /05 /00	
-	_	(#E404740#) DN	I IICDAT.	1 2002/05/24	12 - 3
-	3	("5484740").PN.	USPAT;	2002/05/29	12:3,5
-	3	("5484740").PN.	US-PGPUB;	2002/05/29	12:3,
-	3	("5484740").PN.	US-PGPUB; EPO; JPO;	2002/05/29	12:3,
-	3	("5484740").PN.	US-PGPUB; EPO; JPO; DERWENT;	2002/05/29	12:3,
_	_		US-PGPUB; EPO; JPO; DERWENT; IBM_TDB		
-	3	("method.clm. and (source adj contact or	US-PGPUB; EPO; JPO; DERWENT;	2002/05/29	
-	_	("method.clm. and (source adj contact or drain adj contact).clm. and gate.clm. and	US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT;		
-	_	("method.clm. and (source adj contact or	US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB;		
-	_	("method.clm. and (source adj contact or drain adj contact).clm. and gate.clm. and after.clm. or nefore.clm.").PN.	US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/29	12:38
-	_	("method.clm. and (source adj contact or drain adj contact).clm. and gate.clm. and after.clm. or nefore.clm.").PN. method.clm. and (source adj contact or	US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT;		12:38
-	0	("method.clm. and (source adj contact or drain adj contact).clm. and gate.clm. and after.clm. or nefore.clm.").PN.	US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB;	2002/05/29	12:38
-	0	("method.clm. and (source adj contact or drain adj contact).clm. and gate.clm. and after.clm. or nefore.clm.").PN. method.clm. and (source adj contact or	US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2002/05/29	12:38
-	0	("method.clm. and (source adj contact or drain adj contact).clm. and gate.clm. and after.clm. or nefore.clm.").PN. method.clm. and (source adj contact or drain adj contact).clm. and gate.clm. and	US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/05/29	12:38
-	0	("method.clm. and (source adj contact or drain adj contact).clm. and gate.clm. and after.clm. or nefore.clm.").PN. method.clm. and (source adj contact or drain adj contact).clm. and gate.clm. and after.clm. or nefore.clm.	US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/29	12:38
-	0	("method.clm. and (source adj contact or drain adj contact).clm. and gate.clm. and after.clm. or nefore.clm.").PN. method.clm. and (source adj contact or drain adj contact).clm. and gate.clm. and after.clm. or nefore.clm. method.clm. and (source adj contact or drain adj contact).clm.	US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/29	12:38
-	0	("method.clm. and (source adj contact or drain adj contact).clm. and gate.clm. and after.clm. or nefore.clm.").PN. method.clm. and (source adj contact or drain adj contact).clm. and gate.clm. and after.clm. or nefore.clm. method.clm. and (source adj contact or drain adj contact).clm. same gate.clm.	US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; US-PGPUB;	2002/05/29	12:38
-	0	("method.clm. and (source adj contact or drain adj contact).clm. and gate.clm. and after.clm. or nefore.clm.").PN. method.clm. and (source adj contact or drain adj contact).clm. and gate.clm. and after.clm. or nefore.clm. method.clm. and (source adj contact or drain adj contact).clm.	US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/29	12:38

				0000/05/00 15:17
-	3	("5484740").PN.	USPAT;	2002/05/29 15:17
	ĺ		US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
1			IBM_TDB	0000/05/00 15:17
_	2	("6144048").PN.	USPAT;	2002/05/29 15:17
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	2222 /05 /20 15 19
_	3	("5789760").PN.	USPAT;	2002/05/29 15:18
		•	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	2002/05/20 16:57
_	0	"64-81270"	JPO	2002/05/29 16:57 2002/05/29 16:57
_	0	"6481270"	JPO	2002/05/29 16:57
_	0	"36481270"	JPO	2002/05/29 16:57
_	0	"036481270"	JPO	2002/05/29 16:57
-	0	"03-6481270"	JPO	2002/05/29 16:57
-	0	"0364-81270"	JPO	2002/05/29 17:00
_	0	"64-81270"	JPO	2002/05/29 17:00
-	0	jp-6481270\$-\$.did.	JPO	2002/05/29 17:00
-	0	jp-36481270\$-\$.did.	JPO	2002/05/29 17:01
_	0	jp-036481270\$-\$.did.	JPO	2002/05/29 17:01
_	0	jp-81270\$-\$.did.	JPO	2002/05/29 17:01
_	520	igfet	JPO	2002/05/29 17:05
-	11	igfet and okabe.in.	JPO	2002/05/29 17:05
-	2	igfet and voltage adj diode	JPO	2002/05/29 17:25
-	0	5973338.pn.	JPO	2002/05/29 17:23
_	1	5973338.pn.	USPAT;	2002/03/23 17:31
			US-PGPUB USPAT	2002/05/29 17:26
-	1	"5399883".PN.	1	2002/05/29 17:27
-	1	"5095343".PN.	USPAT	2002/05/29 17:27
-	1	"4994871".PN.	USPAT USPAT	2002/05/29 17:27
-	1	"4994871".PN.	USPAT	2002/05/29 17:27
-	1	"4985743".PN.	USPAT;	2002/05/29 17:54
-	81	(257/135).CCLS.	US-PGPUB;	2002/03/23 1/101
			EPO; JPO;	
			DERWENT;	
			IBM TDB	1
		(NET 0.00 C1 N) PM	USPAT;	2002/05/29 19:35
-	3	("5702961").PN.	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
	0.1	(257/135).CCLS.	USPAT;	2002/05/29 19:35
-	81	(257/135).0015.	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
	0	("L28 and punch-through adj (region or	USPAT;	2002/05/29 19:36
-		layer)").PN.	US-PGPUB;	
		layer, ,.FN.	EPO; JPO;	1
			DERWENT;	
			IBM TDB	
		((257/135).CCLS.) and punch-through adj	USPAT;	2002/05/29 19:36
-	0	(region or layer)	US-PGPUB;	
		(region of layer)	EPO; JPO;	
i	Ì		DERWENT;	
			IBM TDB	
	62	punch-through adj region	USPAT;	2002/05/29 20:08
-	62	pulled enrough adj region	US-PGPUB;	
			EPO; JPO;	1
			DERWENT;	1
			IBM TDB	-
	0	ep-0061551\$-\$.did.	USPAT;	2002/05/29 20:09
-	1	Eb 00010214 A.gra.	US-PGPUB;	
	İ	<u> </u>	EPO; JPO;	
<u> </u>			DERWENT;	1
~ `			IBM TDB	

				2002/05/29 20:13
_	0	ep-061551\$-\$.did.	USPAT; US-PGPUB;	2002/05/29 20:13
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
_	0	ep-0503605\$-\$.did.	USPAT;	2002/05/29 20:13
		•	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
		WE 0.0 COS #	IBM_TDB EPO	2002/05/29 20:16
-	1 0	"503605" (igbt or v-igbt or igfet or v-igfet or	EPO	2002/05/29 20:18
-	0	vertical adj bipolar adj transistor or	ш	2002,00,20 20121
		vertical adj insulated adj gate).ti,ab.		
		and edge adj termin\$5		
_	19	(ight or v-ight or igfet or v-igfet or	USPAT;	2002/05/29 20:24
		vertical adj bipolar adj transistor or	US-PGPUB;	
		vertical adj insulated adj gate).ti,ab.	EPO; JPO;	
		and edge adj termin\$5	DERWENT; IBM TDB	
	1.00	edge adj termination and (257/\$6.ccls. or	USPAT;	2002/05/29 20:25
-	169	438/\$6.ccls.)	US-PGPUB;	1
1		130,70.0010./	EPO; JPO;	
			DERWENT;	
			IBM_TDB	0000/05/00 00 55
-	4	edge adj termination and igbt.ti,ab. and	USPAT;	2002/05/29 20:36
	1	(257/\$6.ccls. or 438/\$6.ccls.)	US-PGPUB;	
			EPO; JPO; DERWENT;	
			IBM TDB	
	. 0	(magneto adj resist\$4 or magneto-resist\$3)	USPAT;	2002/05/29 20:45
_		and ight.ti,ab. and (257/\$6.ccls. or	US-PGPUB;	
		438/\$6.ccls.)	EPO; JPO;	
			DERWENT;	
			IBM_TDB	0000/05/00 01 17
-	11		USPAT;	2002/05/29 21:17
		(257/\$6.ccls. or 438/\$6.ccls.)	US-PGPUB; EPO; JPO;	
			DERWENT;	
			IBM TDB	
_	81	(257/135).CCLS.	USPAT;	2002/05/29 21:17
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	2002/05/20 10:26
-	34	(punch adj through or punch-through or	USPAT; US-PGPUB;	2002/05/30 10:26
		punchthrough) and vertical.ti,ab. and (igfet or igbt or v-igbt or v-igfet)	EPO; JPO;	
		(Tigree or Table or vergoe or vergree)	DERWENT;	
			IBM_TDB	
_	1698	((257/339) or (257/354) or	USPĀT;	2002/05/30 10:53
		(257/355)).CCLS.	US-PGPUB;	
			EPO; JPO;	
			DERWENT; IBM TDB	
	105	(((257/339) or (257/354) or	USPAT;	2002/05/30 13:57
-	105	(((257/339) or (257/334) or (257/355)).CCLS.) and (vertical or v-igbt	US-PGPUB;	
		ot v-igfet).ti,ab.	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	486	(257/328).CCLS.	USPAT;	2002/05/30 14:18
			US-PGPUB;	
	1		EPO; JPO;	
			DERWENT; IBM TDB	
	2	("5387528").PN.	USPAT;	2002/05/30 14:23
-		(JJ0/J20).EN.	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM TDB	

_	3	("5702961").PN.	USPAT; US-PGPUB;	2002/05/30 14:23
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
	2	("6011280").PN.	USPĀT;	2002/05/30 14:24
-		(0011200)	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB USPAT;	2002/05/30 14:25
-	2	("4901127").PN.	US-PGPUB;	2002/03/30 14:23
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
i _	3	("4636830").PN.	USPAT;	2002/05/30 14:25
		, , , , , , , , , , , , , , , , , , , ,	US-PGPUB;	
			EPO; JPO;	
			DERWENT; IBM TDB	
			USPAT;	2002/05/30 14:26
-	2	("5973338").PN.	US-PGPUB;	2002,00,00
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
Ì -	3	("5821586").PN.	USPAT;	2002/05/30 14:26
			US-PGPUB;	
			EPO; JPO; DERWENT;	
	1		IBM TDB	
	2342	((257/135) or (257/328) or (257/339) or	USPAT;	2002/09/22 15:48
-	2342	((257/1354) or (257/355)).CCLS.	US-PGPUB;	
		(237) 33 1) 32 (237) 33 1)	EPO; JPO;	
			DERWENT;	
			IBM_TDB	2002/09/22 15:50
-	17	(((257/135) or (257/328) or (257/339) or	USPAT; US-PGPUB;	2002/09/22 13:30
		(257/354) or (257/355)).CCLS.) and second adj electrode and vertical.ti,ab.	EPO; JPO;	
		adj electrode and vertical.ti,ab.	DERWENT;	
			IBM TDB	
_	0	(((257/135) or (257/328) or (257/339) or	USPAT;	2002/09/22 15:51
		(257/354) or (257/355)).CCLS.) and	US-PGPUB;	
	İ	compensator and vertical.ti,ab.	EPO; JPO;	
			DERWENT; IBM TDB	
		(((257/135) or (257/328) or (257/339) or	USPAT;	2002/09/22 15:51
-		(((257/135) or (257/326) or (257/357) or (257/354) or (257/355)).CCLS.) and	US-PGPUB;	
		compensator and vertical	EPO; JPO;	
			DERWENT;	
			IBM_TDB	2002/00/22 15:12
-	2	("5042043").PN.	USPAT;	2002/09/23 15:13
			US-PGPUB; EPO; JPO;	
			DERWENT;	
			IBM TDB	
	107	(257/79.ccls. or 257/8\$5.ccls. or	USPAT;	2002/09/23 15:17
-		257/985.ccls. or 257/100.ccls. or	US-PGPUB	
		257/101.ccls. or 257/102.ccls. or		
		257/103.ccls.) and (buffer adj layer same		
		(amorphous or single adj crystal or		
	İ	crystalline or single-crystal)) and (led or light-emitting or light adj		
		emitting).ti,ab.		
_	73	(257/79.ccls. or 257/8\$5.ccls. or	USPAT;	2002/09/23 15:18
	,3	257/9\$5.ccls. or 257/100.ccls. or	US-PGPUB	
		257/101.ccls. or 257/102.ccls. or		
		257/103.ccls.) and (buffer adj layer		
	1	near10 (amorphous or single adj crystal or		
	Ì	crystalline or single-crystal)) and (led or light-emitting or light adj		
	1	emitting).ti,ab.		
<u>\</u>		Cmreering/.er/as.		

		052/005	USPAT;	2002/09/23 15:	18
-	61	(257/79.ccls. or 257/8\$5.ccls. or	US-PGPUB	2002/03/20 10.	
		257/9\$5.ccls. or 257/100.ccls. or	US-FGFUB		
		257/101.ccls. or 257/102.ccls. or			
ı		257/103.ccls.) and (buffer adj layer near5			
		(amorphous or single adj crystal or			
		crystalline or single-crystal)) and (led			
		or light-emitting or light adj			
		emitting).ti.ab.			
_	16		USPAT;	2003/02/08 14:	17
-	1	extends or extending or reach or reaches	US-PGPUB;		
		or reaching) and (vertical or vmos or umos	EPO; JPO;		
		or vmosfet or umsofet).ti,ab,clm.	DERWENT;		
		of vinosiet of disorder, erraby erm.	IBM TDB		
	1.	(space adj charge or space-charge) adj	USPAT;	2003/02/08 14:	19
_	15	(space adj charge of space-charge, adj	US-PGPUB;		
		zone near12 (extend or extends or	EPO; JPO;		
		extending or reach or reaches or reaching)	DERWENT;		
		and (vertical or vmos or umos or vmosfet			
	1	or umsofet).ti,ab,clm.	IBM_TDB	2002/02/00 14-	40
_	15	(space adj charge or space-charge) adj	USPAT;	2003/02/08 14:	42
		zone near12 (extend or extends or	US-PGPUB;		
		extending or reach or reaches or reaching)	EPO; JPO;		
	1	and (vertical or vmos or umos or vmosfet	DERWENT;		
		or umosfet).ti,ab,clm.	IBM_TDB		_
_	28		USPAT;	2003/02/08 17:	57
_		space-charge) adj zone near12 (extend or	US-PGPUB;		
		extends or extending or reach or reaches	EPO; JPO;		
		or reaching) and (vertical or vmos or umos	DERWENT;		
	1	or vmosfet or umosfet).ti,ab,clm.	IBM TDB		
ŀ	1.0	l	USPAT;	2003/02/08 17:	58
-	16	near6 source and semiconductor	US-PGPUB;	2000, 02, 11	
		nearb source and semiconductor	EPO; JPO;		
	1		DERWENT;	:	
			IBM TDB		
				2003/02/08 18:	05
-	2	(magneto-resistor or magnetoresistor)	USPAT;	2003/02/00 10.	05
		near6 source and power near3 semiconductor	US-PGPUB;		
			EPO; JPO;		
			DERWENT;		
			IBM_TDB		
-	2	(magneto-resistor or magnetoresistor)	USPAT;	2003/02/08 18:	05
		near6 source and power near3 (mos or	US-PGPUB;		
		mosfet or semiconductor)	EPO; JPO;		
			DERWENT;		
1			IBM TDB		
	16	(magneto-resistor or magnetoresistor)	USPAT;	2003/02/08 18:	:05
-	1 10	near6 source and (mos or mosfet or	US-PGPUB;		
			EPO; JPO;		
		semiconductor)	DERWENT;		
			IBM TDB		
			USPAT;	2003/02/08 18:	.11
-	5	(magneto-resistor or magnetoresistor)		2003/02/00 10.	
		near6 source and (mos or mosfet or	US-PGPUB;		
		semiconductor).ti,ab.clm.	EPO; JPO;		
			DERWENT;		
			IBM_TDB		
_	53	deboy.in. and semiconductor.ti,ab.	USPAT;	2003/02/08 18:	:15
		*	US-PGPUB;		
			EPO; JPO;		
			DERWENT;		
			IBM TDB		
1	1		1		